

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Donald Penner, Christy L. Sprague and  
Richard F. Burow

For : COMPOSITIONS AND METHODS FOR PROTECTING  
CULTIVATED PLANTS FROM HERBICIDAL INJURY

Hon. Commissioner of Patents and Trademarks

Washington, D. C. 20231

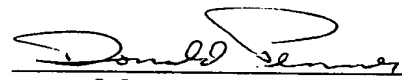
Sir:

INFORMATION STATEMENT UNDER  
RULE 1.97 and 1.98

Provided herewith are copies of patents and publications as listed in the attached form PTO-1449. A concise explanation of the relevance of each reference listed in form PTO-1449 is contained in the above-captioned specification as filed.

Applicant respectfully asserts that the substantive provisions of 37 CFR 1.97 and 37 CFR 1.98 are met by the provision of the foregoing statement.

Respectfully,

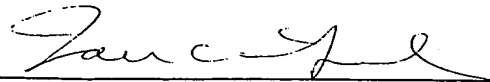
  
Donald Penner  
Date: July 15, 1999

\_\_\_\_\_  
Christy L. Sprague  
Date: \_\_\_\_\_

\_\_\_\_\_  
Richard F. Burow  
Date: \_\_\_\_\_

J1003 U.S. PTO  
09/777320  
02/05/01

# 2  
7/2/01  
M.J.



Ian C. McLeod, Attorney  
Registration No. 20,931

Date: July 15, 1999

McLEOD & MOYNE, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

(517) 347-4100  
Fix: (517) 347-4103

Please type a plus sign (+) inside this box - -

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number					
Filing Date					
First Named Inventor				Donald Penner	
Group Art Unit					
Examiner Name					
Attorney Docket Number				MSU 4.1-414	
Sheet	1	of	3		

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/088 (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number			
		Filing Date			
		First Named Inventor		Donald Penner	
		Group Art Unit			
		Examiner Name			
Sheet <b>2</b>		of <b>3</b>		Attorney Docket Number <b>MSU 4.1-414</b>	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA 2	Bhowmik and Prostak, Weed Sci. Soc. Am. Abstr. 36: 13 (1996).	
	AB 2	Boldt and Putnam, Weed Science 28:474-477 (1980).	
	AC 2	Curvey and Kapusta, North Central Weed Sci. Soc. 51:57-58 (1996).	
	AD 2	DeRuiter et al, Weed Sci. 38:567-572 (1990).	
	AE 2	Geier and Stahlman, North Central Weed Sci. Soc. 52:81 (1997).	
	AF 2	Luscombe et al, Proc. North Central Weed Sci. Soc. 59:57-58 (1994).	
	AG 2	Luscombe and Pallet, Pestic. Outlook 29-32 (1996).	
	AH 2	Mosier et al., Proc. North Central Weed Sci. Soc. 50:74 (1995).	
	AI 2	Obermeier, et al., Proc. North Cental Weed Sci. Soc. 50:25 (1995).	
	AJ 2	Pallett et al., Pestic. Sci. 50:83-84 (1997).	
	AK 2	Pallett et al., Pestic. Biochem. Physiol. 62:113-124 (1998).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/088 (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Application Number					
Filing Date					
First Named Inventor		Donald Penner			
Group Art Unit					
Examiner Name					
Attorney Docket Number		MSU 4.1-414			
Sheet	3	of	3		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA 3	Simkins et al., Proc. North Central Weed Sci. Soc. 50:25 (1995).	
	AB 3	Sprague et al., Weed Sci. Soc. Amer. Abstr. 37: 5 (1997).	
	AC 3	Stevens et al., Pestic. Sci. 38:237-245 (1993).	
	AD 3	Veilleux et al., North Central Weed Sci. Soc. 50:75 (1995).	
	AE 3	Viviani et al., Pestic. Biochem. Physiol. 62:125-134 (1998).	
	AF 3	Vrabel et al., Proc. North Central Weed Sci. Soc. 50:24-25 (1995).	
	AG 3	Wrucke et al., Proc. North Central Weed Sci. Soc. 52:17 (1997).	
	AH 3	Young et al., Weed Sci. Soc. Am. Abstr. 38: 8 (1998).	
	AI 3	Young and Hart, Weed Sci. 46:397-402 (1998).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.